

Name _____

MULTIPLYING DECIMALS #2

Directions: Find the product of the following decimals. Write your answer in the space provided. Count how many numbers are behind the decimal point in the problem. That is how many numbers will be behind the decimal place in your answer.

Examples:
$$\begin{array}{r} 0.8 \\ \times 0.4 \\ \hline 0.32 \end{array}$$

$$\begin{array}{r} 0.13 \\ \times 0.2 \\ \hline 0.026 \end{array}$$

$$\begin{array}{r} 8.61 \\ \times 0.5 \\ \hline 4.305 \end{array}$$

1)
$$\begin{array}{r} 0.5 \\ \times 0.1 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 5.8 \\ \times 0.6 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 9.6 \\ \times 0.3 \\ \hline \end{array}$$

4)
$$\begin{array}{r} 0.3 \\ \times 0.2 \\ \hline \end{array}$$

5)
$$\begin{array}{r} 9.8 \\ \times 0.6 \\ \hline \end{array}$$

6)
$$\begin{array}{r} 0.33 \\ \times 0.1 \\ \hline \end{array}$$

7)
$$\begin{array}{r} 1.66 \\ \times 0.2 \\ \hline \end{array}$$

8)
$$\begin{array}{r} 2.24 \\ \times 0.3 \\ \hline \end{array}$$

9)
$$\begin{array}{r} 8.04 \\ \times 0.4 \\ \hline \end{array}$$

10)
$$\begin{array}{r} 6.46 \\ \times 0.1 \\ \hline \end{array}$$

11)
$$\begin{array}{r} 4.5 \\ \times 0.3 \\ \hline \end{array}$$

12)
$$\begin{array}{r} 5.7 \\ \times 3 \\ \hline \end{array}$$

13)
$$\begin{array}{r} 9.03 \\ \times 0.2 \\ \hline \end{array}$$

14)
$$\begin{array}{r} 9.4 \\ \times 0.2 \\ \hline \end{array}$$

15)
$$\begin{array}{r} 6.6 \\ \times 3 \\ \hline \end{array}$$

16)
$$\begin{array}{r} 5.5 \\ \times 0.2 \\ \hline \end{array}$$

17)
$$\begin{array}{r} 0.25 \\ \times 0.7 \\ \hline \end{array}$$

18)
$$\begin{array}{r} 0.4 \\ \times 0.2 \\ \hline \end{array}$$

19)
$$\begin{array}{r} 8.2 \\ \times 2 \\ \hline \end{array}$$

20)
$$\begin{array}{r} 3.13 \\ \times 0.3 \\ \hline \end{array}$$

Solve each problem.

- 1) At the zoo the polar bears are fed 0.1 bucket of fish a day. The penguins are fed 0.83 that amount. How much of a bucket are the penguins fed?
- 2) On Halloween 3 friends each received 0.7 of a pound of candy. How much candy did they receive total?
- 3) Janet can type 4.6 sentences per minute. If she typed for 4 minutes, how much would she have typed?
- 4) At the malt shop a large chocolate shake takes 0.8 of a pint of milk. If the medium shake takes 0.03 the amount of a large, how much does the medium shake take?
- 5) George had a bucket that was 0.4 full of apples. He ended up throwing out 0.39 of them though because they were bad. Out of the total amount George had how many of them were bad?
- 6) An old road was 3.9 miles long. After a renovation it was 3.7 times as long. How long was the road after the renovation?
- 7) Janet made spicy and regular chili for the chili cook-off. She made enough spicy to fill up 0.2 of a pot. If she made 4 times as much regular chili, how many pots of regular did she have?
- 8) Janet needed 3.3 meters of thread to finish a pillow she was making. If she has 2 times as much thread as she needs, what is the length of the thread she has?
- 9) A box of folders weighs 3.05 kilograms. If you have 3 boxes, how much would they weigh?
- 10) A bottle of soda had 2.36 of the daily recommended sugar. If you were to drink 0.7 of the bottle, how much of the daily recommended sugar would you have drank?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____